

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10519151"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 10:12
S2	10	("5359659" "5577253" "5754860" "6071316" "6223337").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 10:44
S3	42411	(check\$1sum or check sum or cyclic redundancy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:29
S4	103	S3 and software testing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:24
S5	25	S4 and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:24
S6	9	S5 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:24
S7	1102	comparing adj3 (check\$1sum or check sum or cyclic redundancy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:30

## EAST Search History

S8	2	S7 same compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:29
S9	686	((generat\$3 or deriv\$3) adj3 (check\$1sum or check sum or cyclic redundancy)) same (comparison or compar\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:03
S10	45	S9 and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:31
S11	9	S10 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 11:32
S12	1	(safty adj6 control).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 12:35
S13	1	(safty near6 control).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 12:38
S14	124	(verif\$4 or validat\$3 or revalidat\$3) adj4 compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 12:40

## EAST Search History

S15	41	S14 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 12:40
S16	0	test\$3 adj3 one compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 13:29
S17	0	test\$3 adj6 one compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 13:30
S18	0	(validat\$3 or verify\$3) adj3 one compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 13:30
S19	548	(validat\$3 or verify\$3 or test\$3) adj3 compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:52
S20	540	S19 and test\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:31
S21	540	S20 and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:31

## EAST Search History

S22	93	S21 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:31
S23	68	S22 and @ay<="2002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:32
S24	37	(validat\$3 or verify\$3 ) adj3 compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 13:52
S25	28	("4819233"   "5255385"   "5317740"   "5317741"   "5361351"   "5428788"   "5432795"   "5495571"   "5560000"   "5590330"   "5668999").PN. OR ("5754860"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/05 15:12
S26	1	compiler adj3 faulty	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 15:14
S27	3	compiler near1 revalidat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 15:21
S28	25	compiler near1 validat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 15:22

## EAST Search History

S29	8	(compiler adj1 (validated or verified)) or ((validating or verifying) adj1 compiler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 15:48
S30	146	compiler adj1 (corrected or modified or changed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/05 15:49
S31	9	S30 same error	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 15:55
S32	2	"6275985".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/05 15:55
S33	686	((generat\$3 or deriv\$3) adj3 (check\$1sum or check sum or cyclic redundancy)) same (comparison or compar\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 08:54
S34	45	S33 and compiler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 08:54
S35	73	(compile or compiles or compiling) adj2 ((test or testing) adj (program or code))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:07

## EAST Search History

S36	20975	(compil\$3) near1 (program or code or application or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:05
S37	0	S35 adj2 after adj2 S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:06
S38	2	S35 adj4 S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:06
S39	140	(compile or compiles or compiling) adj2 ((test or testing) adj (program or code)) or (((test or testing) adj (program or code)) adj1 (compiled))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:09
S40	17049	(compile or compiles or compiling) adj2 (program or code or application or module) or ((program or code or application or module) adj1 (compiled))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:20
S41	79	S39 near3 S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:17
S42	0	(S39 adj3 S40) or (S40 adj3 S39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:12

## EAST Search History

S43	0	(S39 adj6 S40) or (S40 adj6 S39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:12
S44	218	(compil\$5 near2 ((test or tesing) (program or code)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:18
S45	10581	(compil\$5 near2 ((user or source) adj2 (program or code or application)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 09:19
S46	16	S44 same S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:04
S47	38	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:04
S48	14	S47 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:04
S49	30525	(compil\$5 near2 (program or code))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:18

## EAST Search History

S50	902	(S40 adj2 S49) or (S49 adj2 S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:23
S51	167	S50 and "717".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:21
S52	91	S51 and @ay<="2001"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:22
S53	0	(S40 adj2 after S49) or (S49 adj2 before S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:23
S54	0	(S40 adj2 after adj S49) or (S49 adj2 before adj S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 10:23
S55	6	("5671351"   "5761510"   "5754860").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 11:33
S56	186323	(computer or device or control system) near3 (safety or fire or hazard or alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 13:34



## EAST Search History

S57	858	S56 same (enabl\$3 and (program or code))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 13:44
S58	61	S56 same (enabl\$3 adj5 (program or code))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 13:53
S59	9	IEC 6-1131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 13:56
S60	9	enabl\$3 and execut\$3 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 14:00
S61	8	enabl\$3 and execut\$3 and test\$3 and success\$5 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 14:00
S62	1	(US-20060101433-\$).did.	US-PGPUB	ADJ	ON	2007/11/06 14:16
S63	0	S62 and software means	US-PGPUB	ADJ	ON	2007/11/06 14:16
S64	0	S62 and (software mean\$1)	US-PGPUB	ADJ	ON	2007/11/06 14:16
S65	0	S62 and (mean\$1)	US-PGPUB	ADJ	ON	2007/11/06 14:16
S66	0	(US-20060101433-\$).did. and (mean\$1)	US-PGPUB	ADJ	ON	2007/11/06 14:17
S67	1	(US-20060101433-\$).did. and (software)	US-PGPUB	ADJ	ON	2007/11/06 14:17
S68	1	(US-20020046397-\$).did.	US-PGPUB	ADJ	ON	2007/11/06 14:26
S69	0	(US-20020046397-\$).did. and controller and safe\$2	US-PGPUB	ADJ	ON	2007/11/06 14:27
S70	1	(US-20020046397-\$).did. and controller	US-PGPUB	ADJ	ON	2007/11/06 14:27

## EAST Search History

S71	5	(US-20030135842-\$ or US-20030188231-\$ or US-20020165961-\$).did. or (US-6223337-\$ or US-6880149-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/11/06 15:01
S72	2	S71 and download	US-PGPUB; USPAT	ADJ	ON	2007/11/06 15:01
S73	2	(check\$1sum or check sum or cyclic redundancy) and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:05
S74	6565	(check\$1sum or check sum or cyclic redundancy) and internet and download\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:06
S75	94	(check\$1sum or check sum or cyclic redundancy) same internet same download\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 16:29
S76	1736	variable near2 time near2 chang\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:10
S77	0	S76 same (message near2 chang\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:14
S78	2	"5901291".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:15

## EAST Search History

S79	1	"5901291".pn. and time and message and variable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:23
S80	2829	message changes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:23
S81	0	S80 adj3 (a variable changes over time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:24
S82	0	S80 near4 (a variable changes over time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:24
S83	0	S80 same (a variable changes over time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:39
S84	3	"7116668".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:39
S85	2	"7116668".pn. and message and time stamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:43

## EAST Search History

S86	3182	message near2 (timestamp or time stamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:46
S87	85	message (contains or containing) (timestamp or time stamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:57
S88	45	S87 and internet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:46
S89	8	S88 and download	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:47
S90	0	(download or downloading) adj1 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:58
S91	0	(download or downloading) adj1 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:58
S92	0	(download or downloading) adj3 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:59

## EAST Search History

S93	0	(download\$3) near5 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:59
S94	0	(download\$3) near8 S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:59
S95	2	(download\$3) same S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 15:59
S96	5	(US-20030135842-\$ or US-20030188231-\$ or US-20020165961-\$).did. or (US-6223337-\$ or US-6880149-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/11/06 16:28
S97	5	(check\$1sum or check sum or cyclic redundancy) and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/06 16:30